CHARTER FOR THE NATIONAL AIRSPACE SYSTEM POWER SYSTEMS & FACILITIES CONFIGURATION CONTROL BOARD

(PS&F CCB)

April 3, 2003

Submitted by _____ Date 4-4-03
AOP CCB Co-Chairperson, AOP-1

Submitted by _____ Date 4-4-03
AOS CCB Co-Chairperson, AOS-1

Approved by _____ Date 4/11/03
NAS CCB Co-Chairperson, ASD-1

Approved by _____ Date 4/11/03
NAS CCB Co-Chairperson, AAF-1

Power Systems & Facilities CCB Coordination Signature Page

ORGANIZATION	SIGNATURE	DATE
AFZ-700	Manager, NAS Planning & Support Division	9/5/2
AFZ-800	Manager, Environmental, Energy & Safety	9/5/02
ATB-300	Manager, Terminal Facilities	10/1/02
AOP-400	Manager, Airway Support Facilities	9/13/02
AOP-600	Manager, Enroute Facilities	9/13/02
AOP-1000	Manager, In-Service Management Division	9/23/02
AOS-100	Manager, Power Systems Management Division	9/16/02
AOS-200	Manager, NAS Engineering Division	9-25-02
ANI-1	Program Director, NAS Implementation	9/17/02
ARN-1	Program Director for Communications, Navigation, & Surveillance	9/27/03
ASD-100	for Program Director, Architecture & Systems Engineering	AUG 29 2002
AML-1	Program Director, FAA Logistics Center	9/03/02
ACB-240	Manager, Spectrum & Specialty Engineering	10/3/02

National Airspace System
Power Systems & Facilities
Configuration Control Board Charter

1.0 INTRODUCTION

This charter is developed based on the implementation of a single Configuration Control Board (CCB) with the life cycle responsibilities for the products delineated in Appendix A. A companion document, the National Airspace System (NAS) Power Systems & Facilities (PS&F) CCB Operating Procedures, define the procedures to execute the responsibilities assigned in this charter.

1.1 Purpose. This charter establishes the Power Systems and Facilities Configuration Control Board (PS&F CCB), assigns responsibility and identifies the Configuration Items (CIs) under its control. The CIs listed reflect the products that comprise the power systems and facilities component of the Air Traffic Control System. This charter also defines the CCB decision making process and identifies its participants. Approval of the PS&F CCB Charter empowers the PS&F CCB to approve all changes to the CIs listed in Appendix A throughout the life-cycle in accordance with responsibilities outlined in section 2.0.

1.2 Authority. The NAS Power Systems & Facilities CCB is established in accordance with FAA Order 1800.66, Configuration Management Policy. The PS&F CCB Co-Chairpersons have the final decision authority over the operation of the CCB and all other related matters.

2.0 POWER SYSTEMS AND FACILITIES CCB RESPONSIBILITIES

The PS&F CCB will perform the following configuration control activities:

2.1 Approve, implement and maintain proposed changes to the PS&F CCB Operating Procedures.

2.2 Establish and maintain baselines for those CIs managed by the PS&F CCB.

2.3 Ensure that proposed changes to CIs and interfaces are analyzed completely and are coordinated with appropriate organizations.

2.4 Determine the disposition of proposed changes to CIs under its purview for the life cycle of each CI.

2.5 Ensure that all approved changes are tracked, documented, implemented and reported through Configuration Status Accounting.

2.6 Submit appropriate documentation to ACM-20 to ensure that the Corporate CM Information Management system is kept updated to reflect the status of PS&F CIs.

3.0 POWER SYSTEMS AND FACILITIES CCB PARTICIPANTS

The participants of the PS&F CCB shall be the following individuals, or their designated representatives.

3.1 Co-Chairperson: Program Director, NAS Operations (AOP-1)

3.2 Co-Chairperson: Program Director, NAS Operational Support (AOS-1)

3.3 Executive Secretary: Team Lead, Technical Graphics & Configuration Management (AFZ-710)

3.4 Permanent members include representatives designated by:

3.4.1 Terminal Business Unit (ATB)

3.4.2 En Route Facilities Division (AOP-600)

3.4.3 Airway Support Facilities Division (AOP-400)

3.4.4 NAS Planning & Support Division (AFZ-700)

3.4.5 Environmental, Energy and Safety Division (AFZ-800)

3.4.6 NAS Power Systems Division (AOS-1000)

3.4.7 Communications, Navigation, Surveillance Directorate (ARN)

3.4.8 Architecture and Systems Engineering Division (ASD-100)

3.4.9 NAS In-Service Management Division (AOP-1000)

3.4.10 FAA Logistics Center (AML)

3.4.11 Specialty & Infrastructure Engineering (ACB-240)

3.4.12 NAS Implementation Program Directorate (ANI-30)

3.5 Ad Hoc Members. Ad hoc members will be represented when impacted by the NAS Change Proposal (NCP) under consideration and are designated by the Co-Chairpersons as members for these changes.

3.6 Technical advisors, consultants and other specialists are those individuals invited to attend PS&F CCB meetings to provide specialized technical or program management information.

4.0 PS&F CCB ADMINISTRATION

The PS&F CCB Executive Secretary shall be responsible for coordinating and performing the administrative tasks related to the PS&F CCB, including, but not limited to:

4.1 Schedule PS&F CCB meetings as approved by the CCB Co-Chairs.

4.2 Prepare and distribute CCB agendas, minutes and Configuration Control Decisions (CCDs).

4.3 Determine when NAS Change Proposals (NCPs) are ready for disposition at the PS&F CCB.

4.4 Elevate proposed changes to the NAS CCB, if required.

4.5 Monitor all configuration control activities under the authority of the PS&F CCB.

4.6 Provide status accounting services to the PS&F CCB including current information on open NCPs, CCDs, and other action items originated by the CCB.

5.0 POWER SYSTEMS AND FACILITIES CCB RECOMMENDATIONS AND DECISIONS

5.1 The PS&F CCB shall review, approve, disapprove, defer or elevate proposed NCPs, Engineering Change Proposals (ECPs), and Request for Deviations and Waivers (RDWs) presented for consideration. The Co-Chairpersons have the final decision on each NCP submitted to the PS&F CCB.

5.2 Decisions on NCPs will be documented in a Configuration Control Decision (CCD), prepared by the PS&F CCB Executive Secretary, and signed by the CCB Co-Chairpersons.

5.3 When time-critical or urgent processing of proposed change requests is necessary, the PS&F CCB Co-Chairpersons may approve or disapprove changes without holding a CCB meeting or member review. All change requests processed outside the normal CCB process will be documented and communicated to permanent members as soon as practicable, or at the next regularly scheduled meeting. Questions and concerns regarding PS&F CCB decisions should be addressed to the PS&F CCB Executive Secretary and will be conveyed to the PS&F CCB Co-Chairs.

5.4 Individual PS&F CCB member organizations impacted by the proposed change may appeal decisions to the NAS CCB as defined in the PS&F CCB Operating Procedures.

6.0 CHANGES TO THE CCB CHARTER

6.1 The PS&F CCB will update this charter as changes occur and will obtain NAS CCB approval for any updates.

6.2 Revisions to this charter are required to reflect modifications resulting from Joint Resource Council decisions, assignment of new programs, addition or deletion of CIs, changes to board membership, and organizational realignments.

7.0 DELEGATION OF CCB AUTHORITY

7.1 The PS&F CCB Co-Chairpersons may delegate authority to any PS&F CCB permanent member to act as the Co-Chairperson. This delegation will be documented in a memorandum to the PS&F CCB Executive Secretary.

7.2 Permanent member organizations will designate their respective representative to serve as a member on the PS&F CCB. This designation will be documented in a memorandum to the PS&F CCB Executive Secretary.

7.3 The PS&F CCB does not have the authority to create subordinate configuration control boards.

Appendix A

NAS POWER SYSTEMS AND FACILITIES CCB CONFIGURATION ITEMS

The Configuration Items (CIs) listed below are under the control of the Power Systems and Facilities CCB. Currently, these CIs reflect the primary products which will comprise the modernized Facility and Power system. As these CIs, which include hardware, software, and documentation, or components thereof, are placed under configuration control, they will be entered into the Master Configuration Index and contained in the NAS Subsystem Baseline Configuration and Documentation Listing, NAS-MD-001.

Electrical Power Systems

The Power Systems and Facility CCB shall control national design and standards of the power hardware and software items found within the NAS and this CI listing.

- Electrical Power Distribution Systems (PDS)
- Power Conditioning Systems (PCS)
- Critical Power Distribution Systems and Subsystems (CPDS)
- Essential Power Distribution Subsystems
- Uninterruptible Power Supply Systems (UPS)
- Switchgear (SWG)
- Main Distribution Powerboards
- Automatic Transfer Switches
- Branch Circuit Panelboards
- Power Monitoring and Control Systems (PMCS)
- Standby Engine Generators (SX)
- Engine Generator Sets (EGS)
- Electrical Power Distribution System for all other GNAS Facilities
- Airport Power Cable Loop
- Lightning Protection, Grounding, Bonding, and Shielding
- Commercial Power

Facility Design and Space Management

The Power Systems and Facilities CCB shall control all equipment installations, moves, and removals that impact the standard end-state and site-specific target-year equipment layout drawings. The regional CCB controls all equipment installations, moves, and removals on the as built layout drawings which are in accordance with the generic and/or site-specific transition equipment layout drawings and which will not violate the target year configuration.

- Air Route Traffic Control Centers (ARTCC)
- Automated Flight Service Stations (AFSS)
- Air Traffic Control System Command Center (ATCSCC)
- Unmanned FAA Airway Facilities, Buildings and Plant Equipment
- Combined Center Radar Approach Control Facilities (CERAP)
- Honolulu Control Facility (HCF)